

1.4.2.3 Gravelless System Product Approvals

Manufacturers seeking approval of a gravelless system product (e.g., chamber or synthetic media) as an alternative to drainfield aggregate shall submit product information to the DEQ on-site wastewater coordinator for review by DEQ and the Technical Guidance Committee. In addition to product information described in section 1.4 manufacturers must submit NSF/ANSI Standard 240 approvals, reports, and associated data. Any additional third-party standards evaluated for the gravelless system product must also be submitted including approvals, disapprovals, reports, and associated data.

DEQ will issue gravelless system product approval with associated sizing reduction allowances. Sizing reductions will be determined through analysis of open trench bottom area, associated sidewall area, and storage capacity in comparison to a standard trench. Each component will be analyzed independently of one another in comparison to a standard trench and taken into account with the NSF/ANSI Standard 240 data. Approval of products that have not undergone NSF/ANSI Standard 240 will not be considered for sizing reductions. No reductions provided shall be greater than 25%.